· _ <del>;</del> ,	·-· ·- <del></del> -	, <del></del>		1 - <del>-</del>
L Number		Search Text   ((438/149) or (438/151) or (438/161) or	DB	Time stamp
1		(438/164) or (438/166)).CCLS.	USPAT; US-PGPUB;	2003/08/15 13:32
	!	(450)104) OF (450)100)).CCE5.	EPO; JPO;	
1			DERWENT;	
	:		IBM TDB	1
2	2960429	metal	USPAT;	2003/08/15 13:32
į		T.	US-PGPUB;	
		ļ	EPO; JPO;	;
:		<u>.</u>	DERWENT;	į
2	: : : : : : : : : : : : : : : : : : : :	1///420/1400 //20/2510 //420/1610	IBM_TDB	0000/00/15 50 00
3	_040	(((438/149) or (438/151) or (438/161) or (438/164) or (438/166)).CCLS.) and metal	USPAT;	2003/08/15 13:33
Ì	İ	(455/104) OI (456/106)).CCL5.) and metal	US-PGPUB; EPO; JPO;	i
	1		DERWENT;	!
I		j	IBM TDB	1
4	231313	protrusions	USPAT;	2003/08/15 13:34
			US-PGPUB;	i
İ			EPO; JPO;	
 	!		DERWENT;	
			IBM_TDB	
5	49	((((438/149) or (438/151) or (438/161) or	USPAT;	2003/08/15 13:42
		(438/164) or (438/166)).CCLS.) and metal)	US-PGPUB;	1
	<b>\</b>	and protrusions	EPO; JPO;	i
			DERWENT;	!
!   6	j 2	(("6190949") or ("6096581")).PN.	USPAT;	2003/08/15 13:42
Ť	-	(( 0130313 ) OI ( 0030301 )).1K.	US-PGPUB	2003/00/13 13.42
_	Э	(heat adj absorb\$3) with insulat\$3 with	USPAT;	2002/08/14 11:43
		((non-single or poly or polycrystalline)	JS-PGPUB;	1
	I	adj (film or layer)) with recrystalliz\$4	(EPO; JPO;	i
İ	1		DERWENT;	İ
			! IBM_TDB	
-	2	(heat adj absorb\$3) and insulat\$3 and	USPAT;	2002/08/14 11:47
		((non-single or poly or polycrystalline)	US-PGPUB;	1
		!adj (film or layer)) and recrystalliz\$4	EPO; JPO;   DERWENT;	
	İ	Į	IBM TDB	:
-	6766	(heat adj absorb\$3) and insulat\$3	USPAT;	2002/08/14 12:01
	1		US-PGPUB;	2002,00,17 12:01
		i	EPO; JPO;	!
		I	DERWENT;	1
	1 .	<u> </u>	IBM_TDB	1
-	2	((heat adj absorb\$3) and insulat\$3) and	USPAT;	2002/08/14 11:48
ļ		((non-single or poly or polycrystalline)	US-PGPUB;	'
		adj (film or layer)) and recrystalliz\$4	EPO; JPO;	
1		I	DERWENT; IBM TDB	[
_	. 0	((heat adj absorb\$3) with metal) and	, USPAT;	2002/08/14 12:04
!	]	insulat\$3 and amorphous and ((non-single	US-PGPUB;	. 2002/00/14 12.04
ļ		or poly or polycrystalline) adj (film or	EPO; JPO;	ļ
j	i	layer)) and recrystalliz\$4	DERWENT;	
l	_		IBM_TDB	
-	0	, · · · · · · · · · · · · · · · · · · ·	USPAT;	2002/08/14 12:05
i		insulat\$3 and (( amorphous or non-single or poly or polygrystalling) add (film or	US-PGPUB;	
 		or poly or polycrystalline) adj (film or layer)) and recrystalliz\$4	EPO; JPO;	i
ļ		Lagor, and rootybeartrays	DERWENT;   IBM TDB	İ
-	1320	(heat adj absorb\$3) with metal	USPAT;	2002/08/14 12:15
			US-PGPUB;	12.13
	i	i	EPO; JPO;	
			DERWENT;	·
	4.0.0		IBM_TDB	
_	499	((heat adj absorb\$3) with metal ) and	USPAT;	2002/08/14 12:06
!	i	insulat\$3	US-PGPUB;	ļ
	i ,		EPO; JPO;	j I
, ,	<b>'</b>		DERWENT; IBM TDB	' 
i i	<del>-</del> · ·	·	T TOLITION	

Search History 8/15/03 1:43:30 PM Page 1 C:\APPS\east\workspaces\Heat absorbing layer.wsp

	4	(((heat adj absorb\$3) with metal ) and	USPAT;	2002/08/14 12:08
		insulat\$3) and (non-single or poly or	US-PGPUB;	l i
		polycrystalline) and recrystalliz\$4	EPO; JPO;	
i	1		DERWENT;	
			! IBM_TDB	
-	24	(((heat adj absorb\$3) with metal ) and	USPAT;	2002/08/14 12:08
i		insulat\$3) and (non-single or poly or	US-PGPUB;	i
I		polycrystalline)	EPO; JPO;	
		I	DERWENT;	i
	1 1000050		IBM_TOB	2002/00/14 10:02
_	1888852	((heat adj absorb\$3 or metal) adj layer or	USPAT;	2002/08/14 18:08
<u> </u>	İ	film)	US-PGPUB; EPO; JPO;	1
j	!		DERWENT;	
•		I	IBM TDB	i
_	13	(heat adj absorb\$3 with metal) adj (layer	USPAT;	2002/08/14 12:19
_	15	or film)	. US-PGPUB;	2002/00/14 12:15
		· Of Tillity	EPO; JPO;	: [
	1		DERWENT;	
i	!		IBM TDB	1
_	538	(heat adj absorb\$3) adj (layer or film)	USPAT;	2002/08/14 12:39
	200		US-PGPUB;	
		)	EPO; JPO;	
	i	Į	DERWENT;	i
i	]		IBM_TDB	
-	1	(((heat adj absorb\$3) adj (layer or film))	USPĀT;	2002/08/14 12:21
Ì	:	same metal) and polycrystalline	US-PGPUB;	·
		į	EPO; JPO;	
		; }	DERWENT;	1
			IBM_TDB	
 	į C	(((heat adj absorb\$3) adj (layer or film))	USPAT;	2002/08/14 12:21
1	1	same metal) and recrystalliz\$4	US-PGPUB;	j
i	!		EPO; JPO;	,
			DERWENT; IBM TDB	
· 	105	((heat adj absorb\$3) adj (layer or film))	USPAT;	2002/08/14 12:22
	105	same metal	US-PGPUB;	i
			EPO; JPO;	į
1	:		DERWENT;	į
1			IBM_TDB	1
<b>!</b> -	1	((heat adj absorb\$3) adj (layer or film))	USPAT;	2002/08/14 12:39
		with tft	US-PGPUB;	
			EPO; JPO;	1
	į		DERWENT;	. 1
	:   20154	//host add aboout\$2 or motally add laws or	'IBM_TDB	2002/02/14 15:10
( -	20154	((heat adj absorb\$3 or metal) adj layer or	USPAT;	2002/08/14 15:18 '
!		film) and tft	US-PGPUB; EPO; JPO;	1
		I	DERWENT;	l
			: IBM TDB	i
i -	3477	(((heat ad; absorb\$3 or metal) adj layer	USPAT;	2002/08/14 15:19
		or film) and tft) and polycrystalline	US-PGPUB;	
İ	1		EPO; JPO;	· ·
•		i	DERWENT;	
		1	IBM_TDB	1
<del>-</del>	2873		USPĀT;	2002/08/14 15:20
	i	or film) and tft) and polycrystalline) and	US-PGPUB;	İ
	!	insulat\$3	EPO; JPO;	
l i		:	DERWENT;	;
	^		IBM_TDB	2000/00/14 15 01
<del>-</del>	I	(((((heat adj absorb\$3 or metal) adj layer	USPAT;	2002/08/14 15:21
İ	 	or film) and tft) and polycrystalline) and insulat\$3) and irradat\$3	US-PGPUB; EPO; JPO;	1
!	1	Insulacys, and Illadacys	DERWENT;	Į.
1		i	IBM TDB	
_	1208	(((((heat adj absorb\$3 or metal) adj layer	USPAT;	2002/08/14 15:22
	i	or film) and tft) and polycrystalline) and	US-PGPUB;	1
1	] ;	insulat\$3) and crystalliz\$5	EPO; JPO;	
]	I		DERWENT;	}
		·	IBM_TDB	··
				- <del>-</del> -

					<u> </u>
-	· _ ·	628	((((((neat adj absorb\$3 or metal) adj		$2002708/14 15:\overline{22}$
1	j		layer or film; and tft) and polycrystalline; and insulat\$3; and	US-PGPUB;   EPO; JPO;	
	ı		crystalliz\$5) and island\$1	DERWENT;	
		615	//////host add abcorbed or motally add	IBM_TOB	i 2002/08/14 15:23
-		013	((((((heat adj absorb\$3 or metal) adj layer or film) and tft) and	USPAT; US-PGPUB;	2002/00/14 13:23
			polycrystalline) and insulat\$3) and	EPO; JPO;	1
	I		crystalliz\$5) and island\$1) and	DERWENT;	
_		35	<pre>semiconductor (((((((heat adj absorb\$3 or metal) adj</pre>	IBM_TDB USPAT;	2002/08/14 18:12
l		33	layer or film) and tft) and	US-PGPUB;	2002/03/14 20:12
i			polycrystalline) and insulat\$3) and	EPO; JPO;	
			crystalliz\$5) and island\$1) and	DERWENT; IBM TDB	
·		С	semiconductor) and protrusion\$1 irradat\$4 with protrusion\$1	USPAT;	2002/08/14 17:14
			i	US-PGPUB;	
	I			EPO; JPO;	
	; 			DERWENT;	į
;   –	!	400	irradiat\$4 with protrusion\$1	USPAT;	2002/08/14 17:23
ļ			•	US-PGPUB;	
				EPO; JPO;	
				DERWENT; IBM TDB	į į
, <del></del>	į	1	(irradiat\$4 with protrusion\$1) with tft	USPAT;	2002/08/14 17:16
	· 1			US-PGPUB;	
				EPO; JPO; DERWENT;	;
-			1	IBM TDB	
-		0	((irradiat\$4 with protrusion\$1) with tft)	USPĀT;	2002/08/14 17:17
			with crystalliz\$5	US-PGPUB;	1
i	)			EPO; JPO; DERWENT;	
!	İ			IBM_TDB	
-		0	((irradiat\$4 with protrusion\$1) with tft)	USPAT;	2002/08/14 17:17
			and crystalliz\$5	US-PGPUB; EPO; JPO;	
	:			DERWENT;	
		2.4		IBM_TOB	0000/00/14 17 00
-	1	24	<pre>irradiat\$4 with (protrusion\$1 same semiconductor)</pre>	USPAT; US-PGPUB;	2002/08/14 17:23
·				EPO; JPO;	
			I	DERWENT;	
_		220	   irradiat\$4 and (protrusion\$1 same	IBM_TDB USPAT;	2002/08/14 17:24
		220	semiconductor)	US-PGPUB;	1 2002/00/14 17:24
	I			EPO; JPO;	<u> </u>
ļ				DERWENT;	į
_	l	0	metal with insulat\$3 with amorphous with	IBM_TDB   USPAT;	2002/08/14 18:06
		j	irradat\$4	US-PGPUB;	
				EPO; JPO;	i
			·	DERWENT;	ļ
-	Í	21	metal and insulat\$3 and amorphous and	USPAT;	2002/08/14 18:07
	'		irradat\$4	US-PGPUB;	
				EPO; JPO; DERWENT;	
	ı	j		IBM_TDB	
į –	ļ	121266	metal adj(layer or film)	USPĀT;	2002/08/14 18:08
				US-PGPUB; EPO; JPO;	
I		ı		DERWENT;	
		101011		IBM_TDB	
-		121266	metal adj (layer or film)	USPAT;	2002/08/14 18:09
				US-PGPUB; EPO; JPO;	į
: 	ļ			DERWENT;	
! ·—-				IBM_TDB	·

i	3067 	( metal adj (layer or film)) and tft	USPAT; US-PGPUB; EPO; JPO;	2002/08/14 18:09
	ı		DERWENT;	į
!	2727	((metal adj (layer or film)) and tft) and insulat\$4	IBM_TDB   USPAT;   US-PGPUB;	2002/08/14 18:09
į			EPO; JPO; DERWENT; IBM TDB	l
_	613	((( metal adj (layer or film)) and tft) and insulat\$4) and crystalliz\$5	USPAT; US-PGPUB;	2002/08/14 18:11
j			EPO; JPO;   DERWENT;   IBM TDB	
-	368	(((( metal adj (layer or film)) and tft) and insulat\$4) and crystalliz\$5 ) and	USPAT; US-PGPUB;	2002/08/14 18:13
	;	irradiat\$4	EPO; JPO;   DERWENT;   IBM TDB	i
j -	53	((((( metal adj (layer or film)) and tft) and insulat\$4) and crystalliz\$5 ) and	USPĀT; US-PGPUB;	2002/08/14 18:13
ļ		irradiat\$4) and (semiconductor adj island)	EPO; JPO; DERWENT;   IBM TDB	į į
_	53	(((((( metal adj (layer or film)) and tft) and insulat\$4) and crystalliz\$5 ) and	USPĀT; US-PGPUB;	2002/08/14 18:14
		irradiat\$4) and (semiconductor adj   island)) and electrode 	EPO; JPO; DERWENT; IBM TOB	] ! [
	l c	tft with island\$1 with amorphous with crystalliz\$5 with irradat\$4	USPAT; US-PGPUB;	2002/08/15 10:35 İ
!	ı	<u> </u> 	EPO; JPO; DERWENT; IBM_TDB	i i
_	0	tft and island\$1 with amorphous near5 crystalliz\$5 with irradat\$4	USPAT; US-PGPUB; EPO; JPO;	2002/08/15 10:35
:	1		DERWENT; IBM_TDB	<u> </u>
<u> </u>	) C	tft and island\$1 and amorphous near5 crystalliz\$5 with irradat\$4	USPAT; US-PGPUB; EPO; JPO;	2002/08/15 10:36
ļ	•	 	DERWENT; IBM_TDB	
j		tft with island\$1 with amorphous near5 crystalliz\$5 with irradiat\$4	USPAT; US-PGPUB; EPO; JPO;	2002/08/15 10:36
ļ			DERWENT; IBM TDB	] i
-	0 0	20010045558.URPN. 20010045558.URPN.	USPAT USPAT	2002/08/15 15:29   2002/08/15 15:29
-	2	protrusion\$1 with crystalliz\$5 adj semiconductor	USPAT; US-PGPUB;	2002/08/15 19:08
	ļ	i İ	EPO; JPO; DERWENT;   IBM TDB	1
-	1	(rough\$4 with recrystalliz\$5) with hsg	USPAT; US-PGPUB; EPO; JPO;	2002/08/15 19:09
i _	0	20020036312.URPN.	DERWENT;   IBM_TDB   USPAT	2002/08/15 19:10
	711	rough\$4 same recrystalliz\$5	USPAT; US-PGPUB;	2002/08/15 19:12
<u> </u>	! ! I		EPO; JPO; DERWENT; IBM TDB	

Search History 8/15/03 1:43:30 PM Page 4 C:\APPS\east\workspaces\Heat absorbing layer.wsp

[-		292	rough\$4 with recrystalliz\$5	USPAT;	2002/08/15 19:46
ļ				US-PGPJB;	ļ
			į	EPO; JPO;	:
			!	DERWENT;	
				IBM TDB	
i _		8	(rough\$4 with recrystalliz\$5) with	USPAT;	2002/08/15 19:14
-	!	0			2002/05/13 19:14
İ			amorphous	US-PGPUB;	
1				EPO; JPO;	,
				DERWENT;	
	i			IBM_TDB	0000/00/15 10 10
-			20020034845.URPN.	USPAT	2002/08/15 19:18
; <b>-</b>		15	("4411734"   "4737474"   "5089432"	USPAT	2002/08/15 19:23
!			"5121186"   "5147820"   "5147826"		
			"5298436" ' "5326722"   "5418398"		<u>'</u>
	,		"5441904"   "5514621"   "5604157"	1	ı
ı			"5614428"   "5652156"   "5712181").PN.	<b>\</b>	· ·
_		2	6017819.URPN.	USPAT	2002/08/15 19:39
ĺ –	'	0	20020036312.URPN.	USPAT	12002/08/15 19:45
' -		5	(rough\$4 with recrystalliz\$5) with	USPAT;	2002/08/15 19:47
			semiconductor	US-PGPUB;	1
			Ì	EPO; JPO;	:
:				DERWENT;	1
İ				IBM TDB	
i _		1885	((438/149) or (438/151) or (438/161) or	USPAT;	2003/08/15 13:31
l			(438/164) or (438/166)).CCLS.	US-PGPUB	1 2003, 00, 13 13.31
_			irradiate or irradiation	. USPAT;	1 2003/04/06 17:45
	)	33704	Triadate or Triadate on	US-PGPUB	1 2003/04/00 17.45
1_		505	(((438/149) or (438/151) or (438/161) or	USPAT;	2003/04/06 17:46
-	ļ	393		•	2003/04/06 17:46
			(438/164) or (438/166)).CCLS.) and	US-PGPUB	
		1017176	(irradiate or irradiation)	11000m	2000/04/06 17 46
_		1217179	metal	USPAT;	2003/04/06 17:46
	ļ	407	(420/420/440)	US-PGPUB	!
i —		497		'USPAT;	2003/04/06 17:46
				US-PGPUB	'
		600000	(irradiate or irradiation)) and metal		
_		622038	channel	USPAT;	1 2003/04/06 17:46
	ı		l	US-PGPUB	1
		458	'(((((438/149) or (438/151) or (438/161) or		2003/04/06 17:48
1	Ì			US-PGPUB	
			(irradiate or irradiation)) and metal) and		1
•			channel		!
_		325606	semiconductor	USPAT;	2003/04/06 17:48
ŀ	ļ			US-PGPUB	İ
I –		451	((((((438/149) or (438/151) or (438/161)	USPAT;	2003/04/06 17:48
	i		or (438/164) or (438/166)).CCLS.) and	US-PGPUB	•
'			(irradiate or irradiation)) and metal) and		<u> </u>
			channel) and semiconductor		ļ
. –		661709	protrusion or project or projection	USPAT;	2003/04/06 17:50 [
	i i			US-PGPUB	
-	i	141	(((((((438/149) or (438/151) or (438/161)	USPAT;	2003/04/06 17:50
í			or (438/164) or (438/166)).CCLS.) and	US-PGPUB	1
			(irradiate or irradiation)) and metal) and	- <del>-</del>	j .
}	ļ	!	channel) and semiconductor) and	1	'
ļ			(protrusion or project or projection)	i	ļ
l –	!	4	("5581092"   "5959313" ; "6281057"	USPAT	2003/04/06 19:12
;			("6323071").PN.		
_			6506669.URPN.	USPAT	2003/04/06 19:13
. –	ı	Ö	6506669.URPN.	USPAT	2003/04/06 19:13
١	!	~		• • • • • • • • • • • • • • • • • •	